

Converting Colors

Hex(2900F5)

Have a look what the booklet for
Hex(2900F5) contains.

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Color

Hex(2900F5)

Conversions

Conversions Part 1

Format	Color
Hex	2900F5
RGB	41, 0, 245
RGB Percent	16%, 0%, 96%
CMY	0.8392, 1.0000, 0.0392
CMYK	0.83, 1.00, 0.00, 0.04
HSL	250°, 100%, 48%
HSV	250°, 100%, 96%
XYZ	17.3959, 7.0640, 86.8328
YIQ	40.1890, -54.2090, 84.8870

Conversions

Conversions Part 2

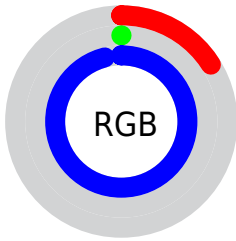
Format	Color
R _Y B	41, 0, 245
Decimal	2687221
CIE Lab	31.95, 77.19, -102.79
CIE LCh	32, 128.550, 306.905
Yxy	7.0640, 0.1563, 0.0635
Android (android.graphics.Color)	4280877301 (0xFF2900F5)
YUV	40.1890, 100.9718, 0.7112
Hunter-Lab	26.5782, 70.3196, -175.1001

Details

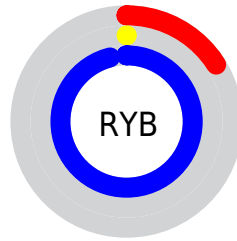
The Hex color **2900F5** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **CCF500**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **8147FF**, and **0000BB** is the 20% darker color. If you saturate the color by 10%, you get **2900F5**, and if you desaturate by 10%, it is **3D18F5**.

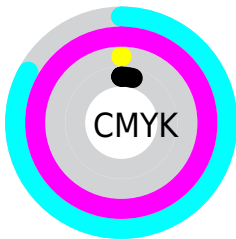
Distribution



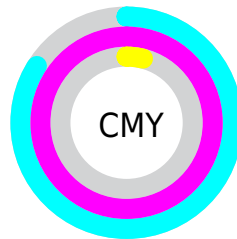
- Red (16%)
- Green (0%)
- Blue (96%)



- Red (16%)
- Yellow (0%)
- Blue (96%)



- Cyan (83%)
- Magenta (100%)
- Yellow (0%)
- Black (4%)



- Cyan (84%)
- Magenta (100%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2900F5 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 2900F5 by changing the saturation by 10% instead.

 2900F5

 2900F5

FFFFFF

 0000D8

 8147FF

 0000BB

 A363FF

 00009F

 C47FFF

 000083

 E59AFF

 001169

 FFB7FF

 000A50

 FFD3FF

 000538

 FFF1FF

 000221

 000007

 2900F5

 3D18F5

 5231F5

 664AF5

 7B62F5

 8F7BF5

 A393F5

 B8ABF5

 CCC4F5

 E1DDF5

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



005BFF



2900F5



C8009D

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2900F5



971500



006762

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



2900F5



CCF500

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



006400



2900F5



475000

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2900F5



CF0000



006000



006BC7

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



2900F5



E3005B



006000



00663E

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



2900F5



BFB3FF



00CCF5



595280



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



2900F5



2B00FF



A300F5



706E7A



1F00BA



0A003B

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



F500CC



FF00D4



52F500



7A6E78



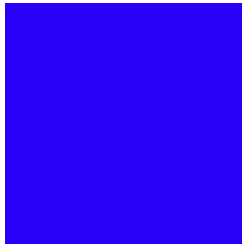
BA009B



3B0031

Previews

White Background



This preview shows how the Hex color 2900F5 looks on a white background.

Color Contrast Check

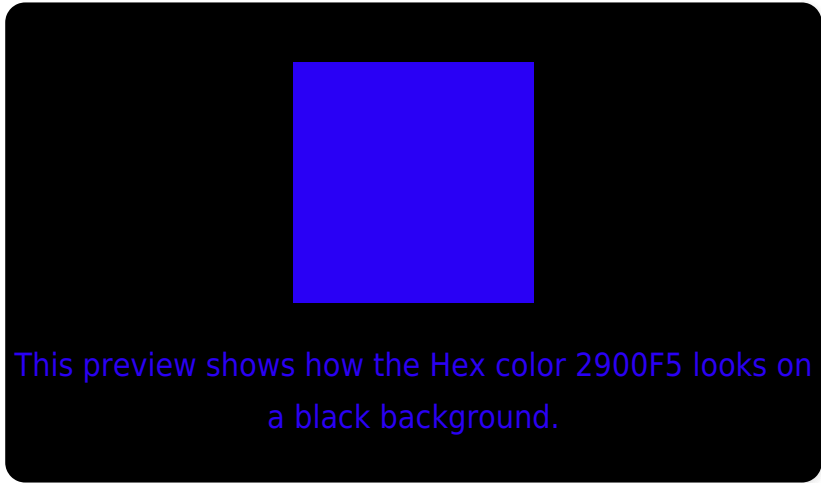
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2900F5 Background



This preview shows how black text looks on a background with the Hex color 2900F5.



This preview shows how white text looks on a background with the Hex color 2900F5.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Trichromacy



Original Color
2900F5

Protanomaly
0F2EBB

Deuteranomaly
0F32AC

Tritanomaly
0F3692

Monochromacy



Original Color
2900F5

Achromatopsia
282828

Achromatomaly
281973

CSS Examples

Text

The CSS property to change the color of the text to Hex 2900F5 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #2900F5 looks like.

```
.text, #text, p{  
    color:#2900F5  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #2900F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2900F5
}
```

Border

The CSS property to change the border of an element to Hex 2900F5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2900F5 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#2900F5 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #2900F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2900F5; -webkit-box-shadow:4px 4px  
4px 4px #2900F5; box-shadow:4px 4px 4px  
4px #2900F5 }
```

Background

The CSS property to change the background color of an element to Hex 2900F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2900F5 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#2900F5 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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